

Fig. 1A

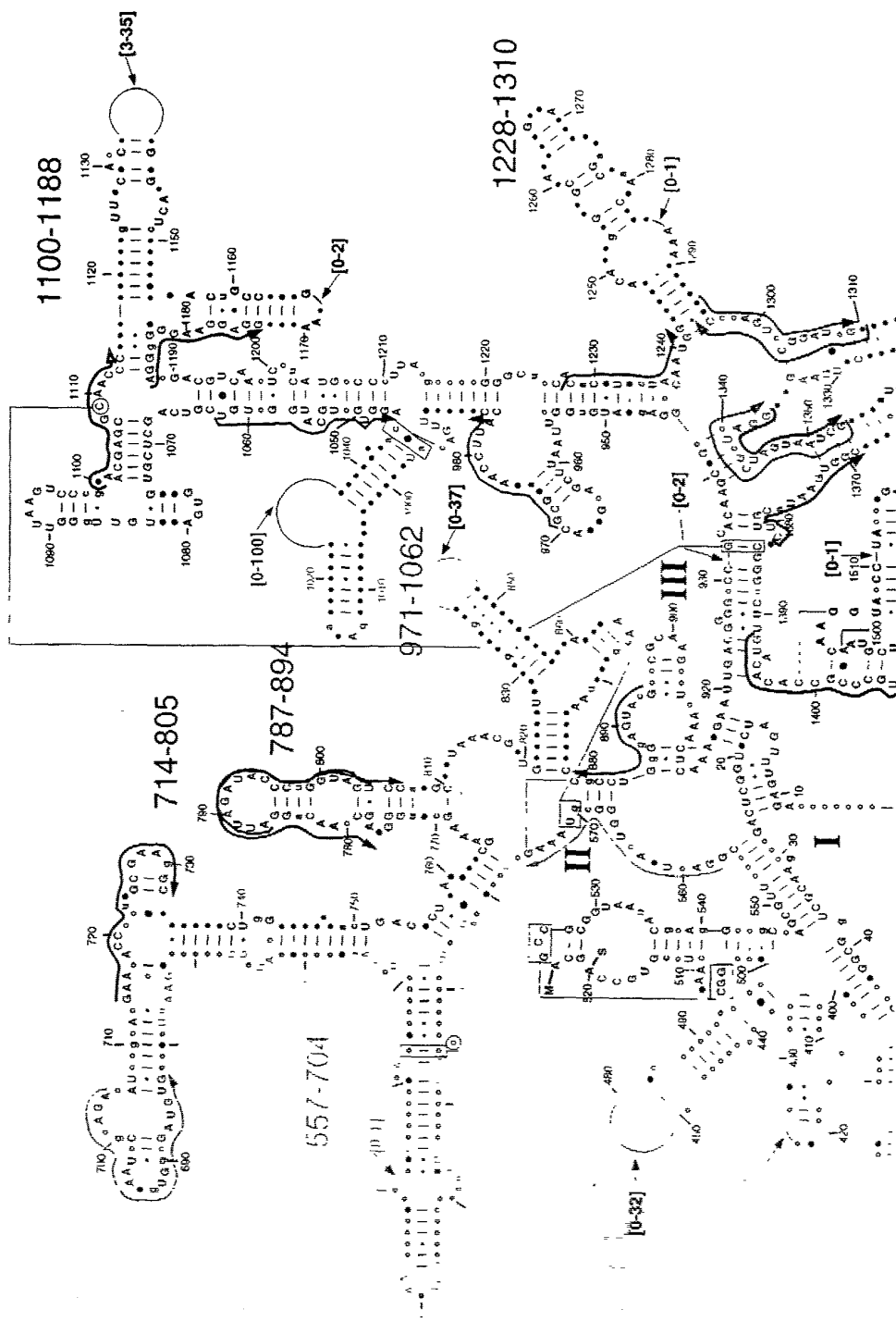


Fig. 1B

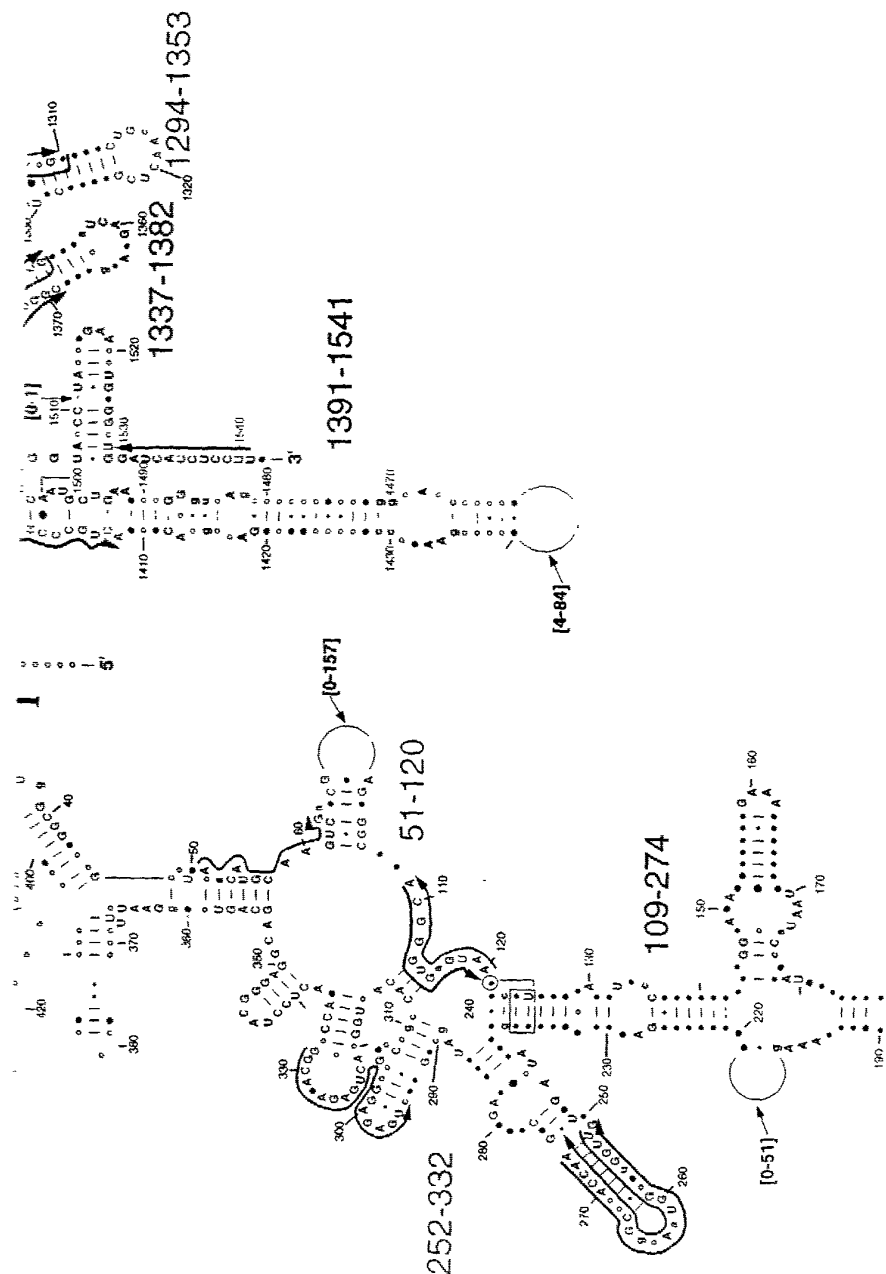
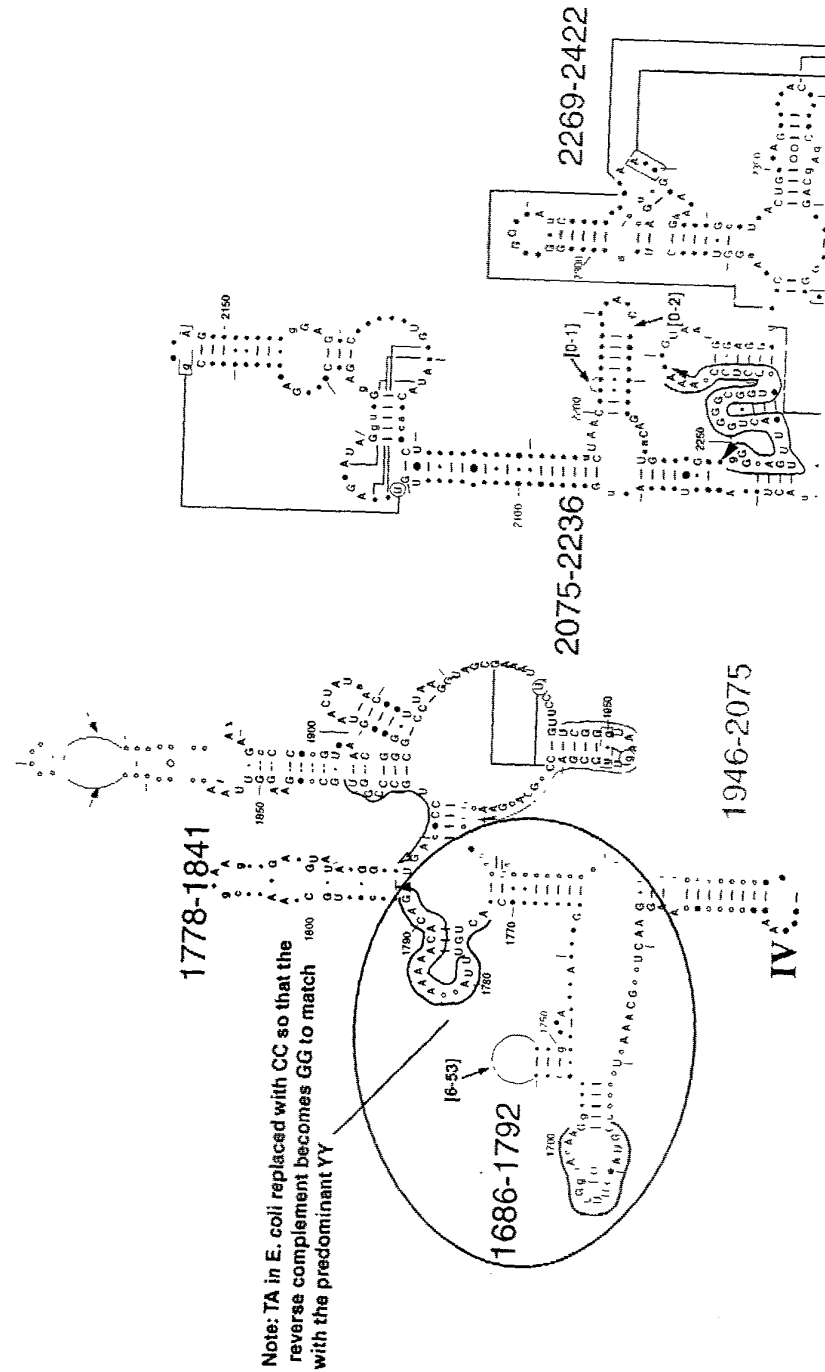
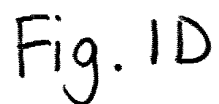


Fig. 1C





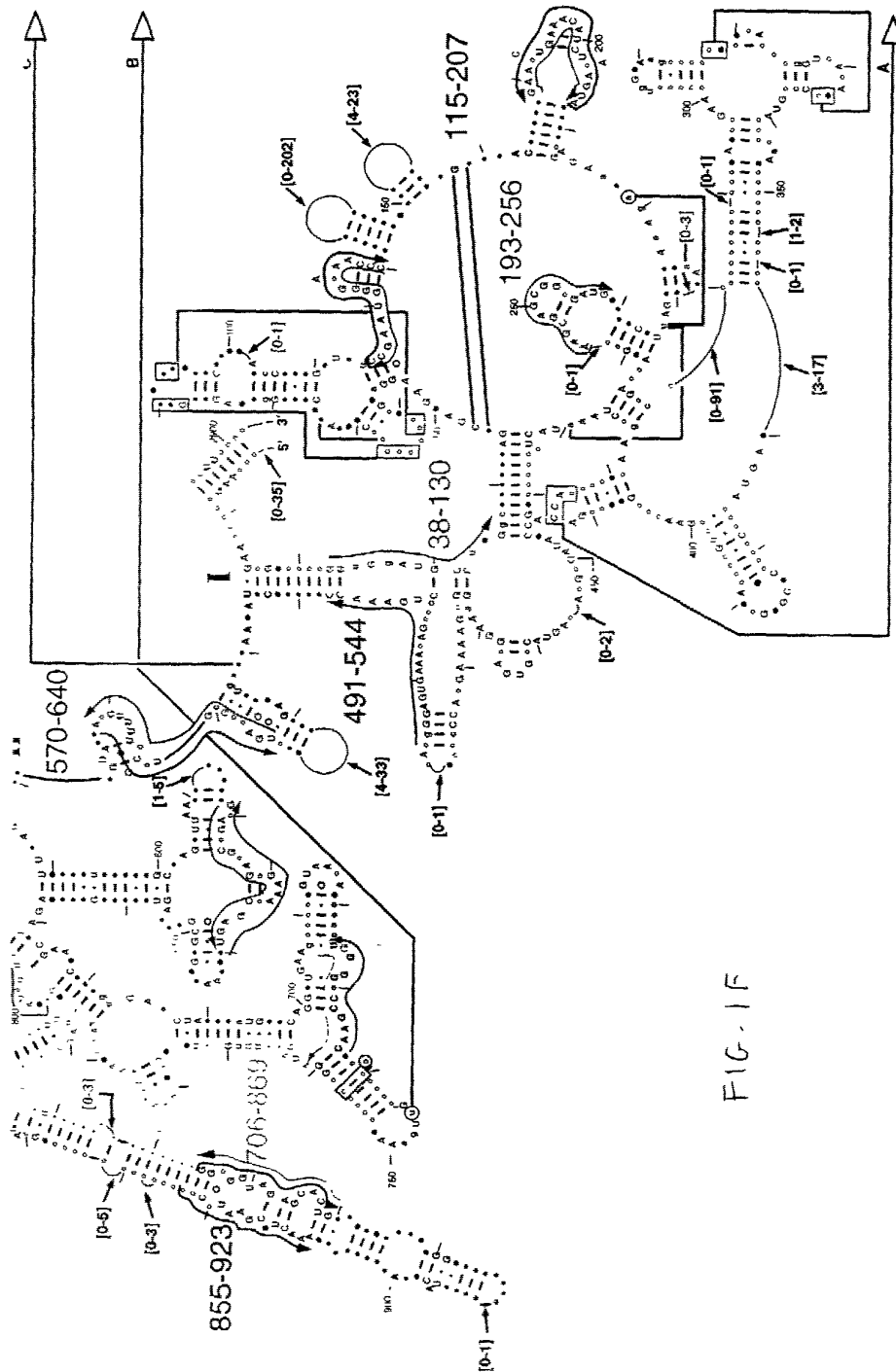


FIG. 1G

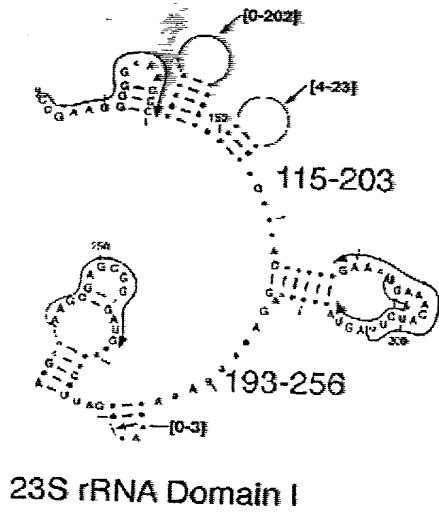


FIG. 1H

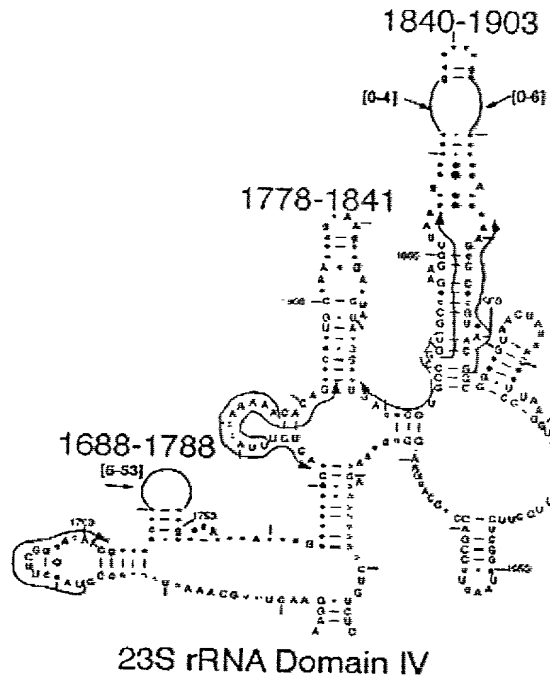


FIG. 1I

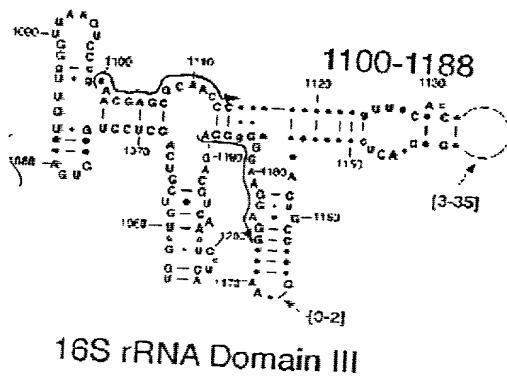
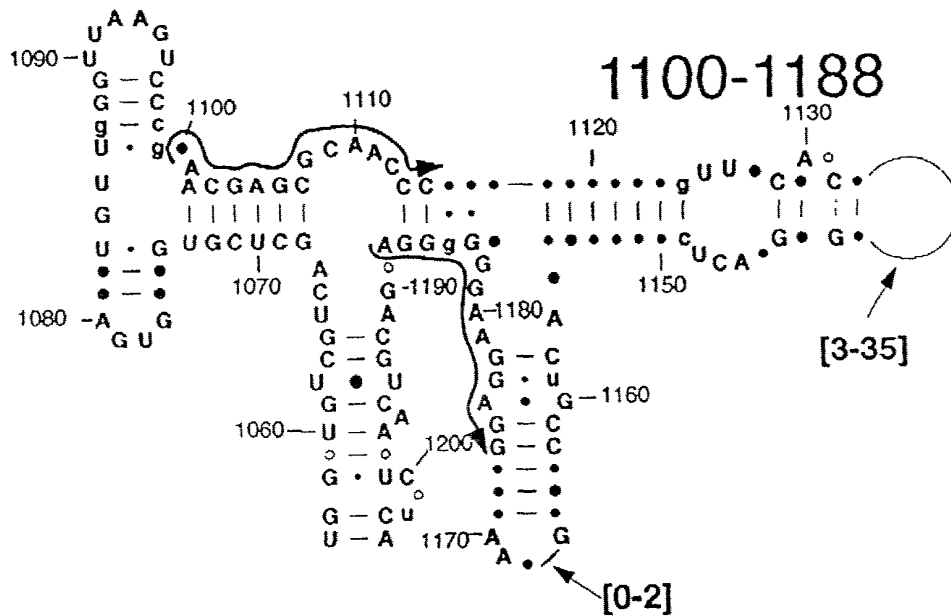


FIG. 2

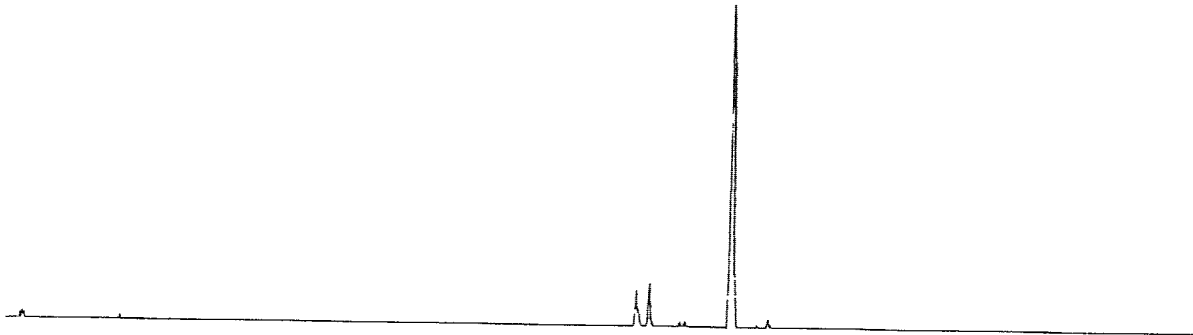


16S rRNA Domain III

109290-EBZFB50

FIG. 5

B. anthracis ($A_{14}G_9C_{14}T_9$) $MW_{meas} = 14072.2$



*B. anthracis** ($A_1A^*_{13}G_9C_{14}T_9$) $MW_{meas} = 14280.9$

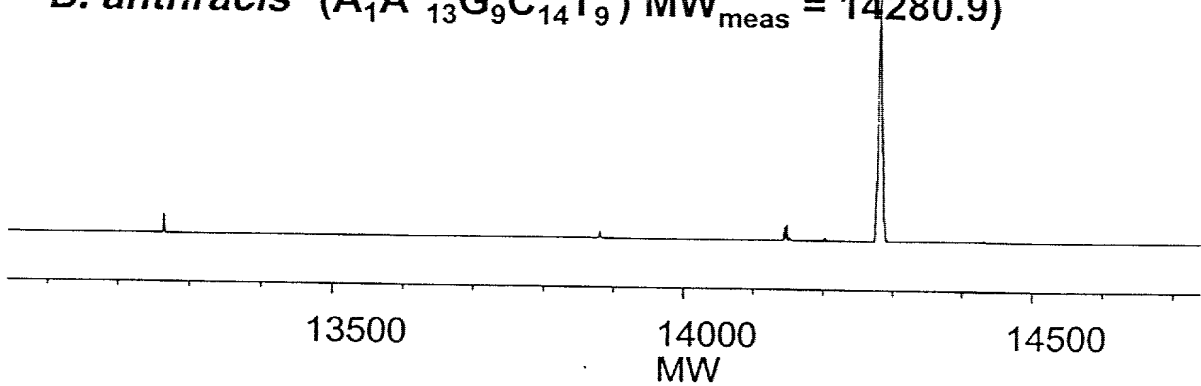
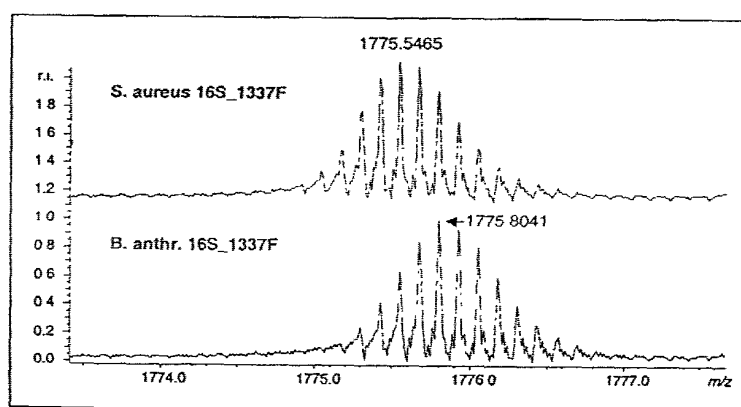


FIG. 50-6676860

FIG. 6



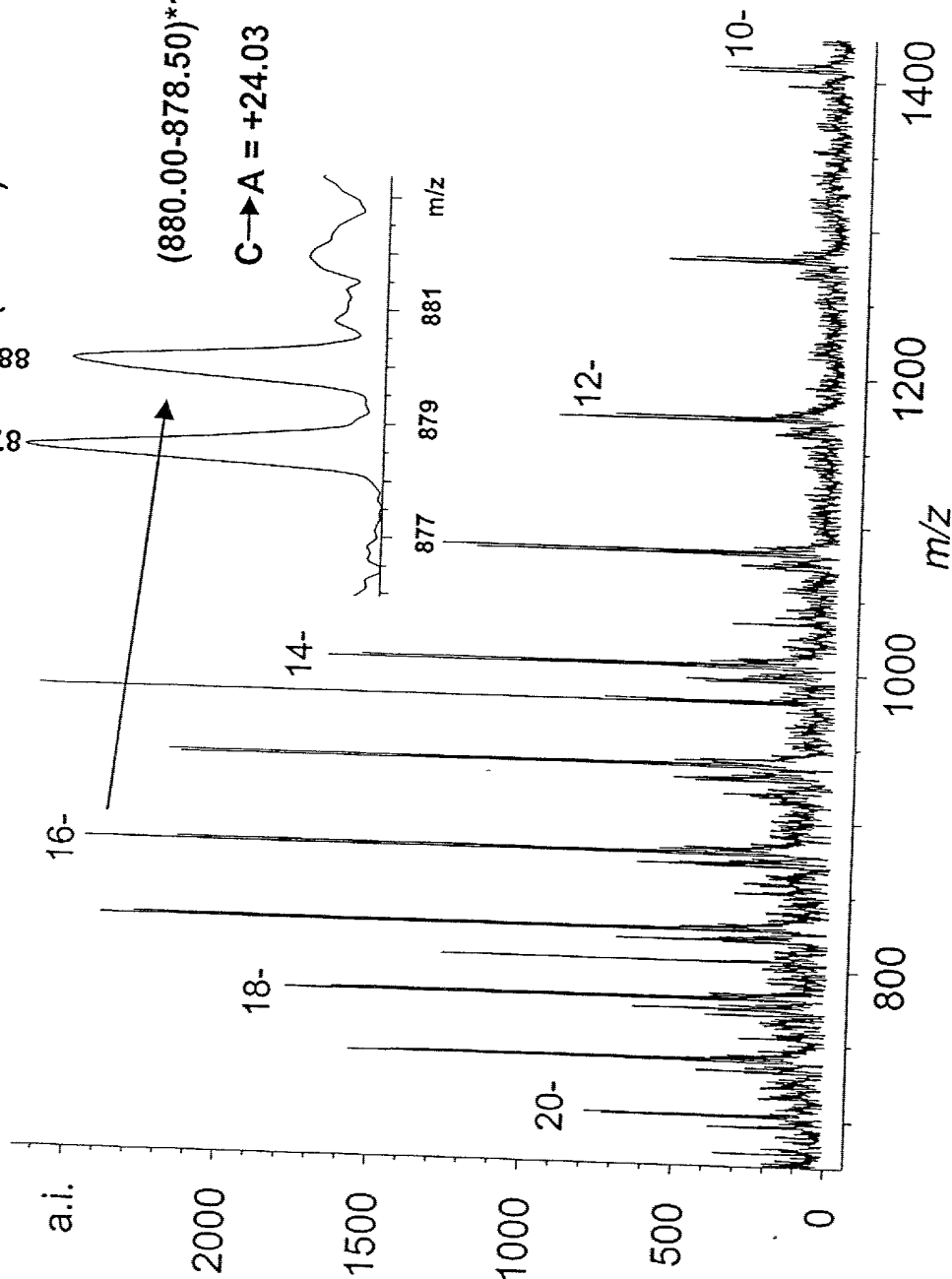
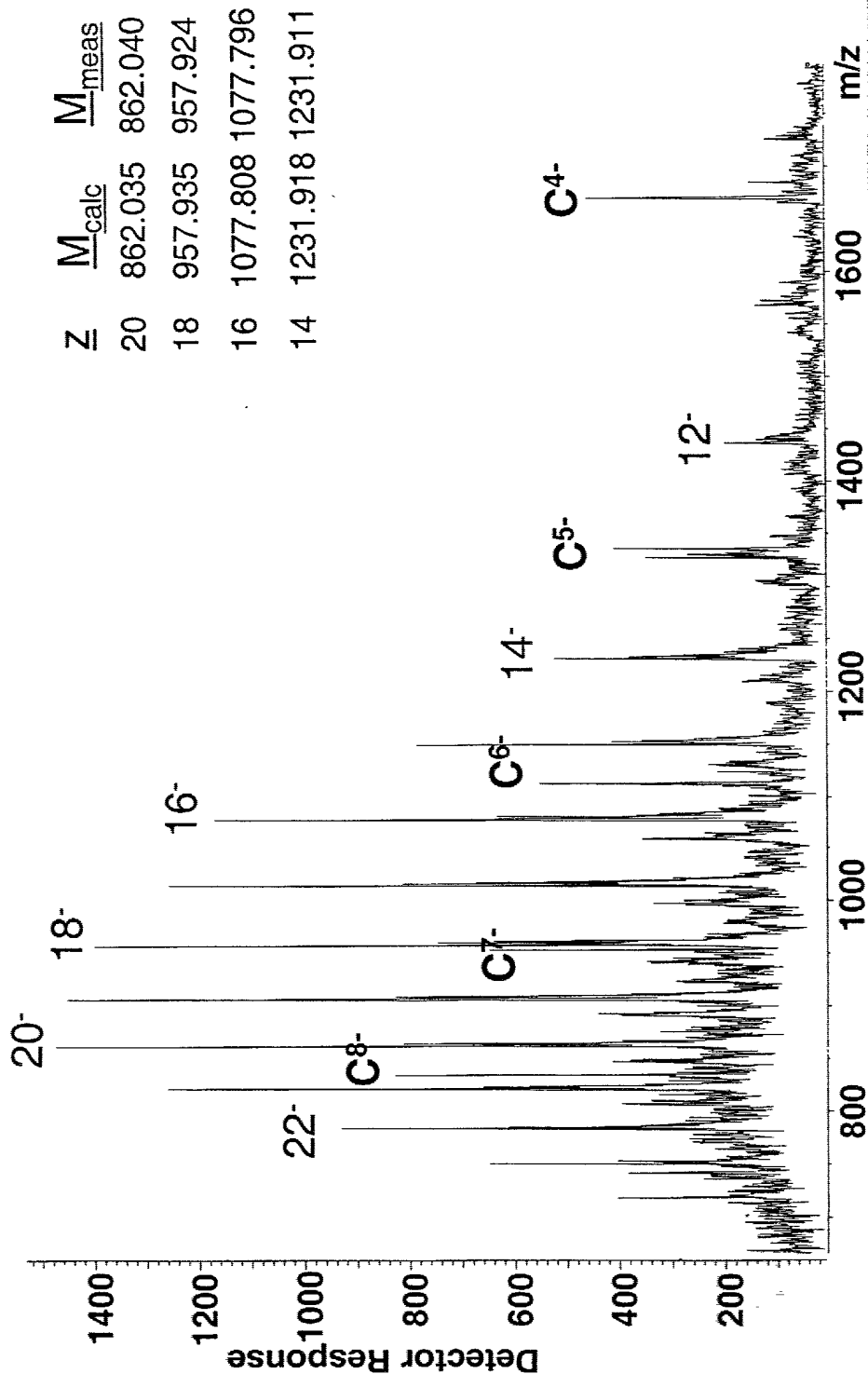


FIG. 7

ESI-TOF MS of sspE 56mer + Calibrant



Bacillus anthracis – ESI-TOF
Synthetic 16S_1228 duplex (Reverse and Forward strands)

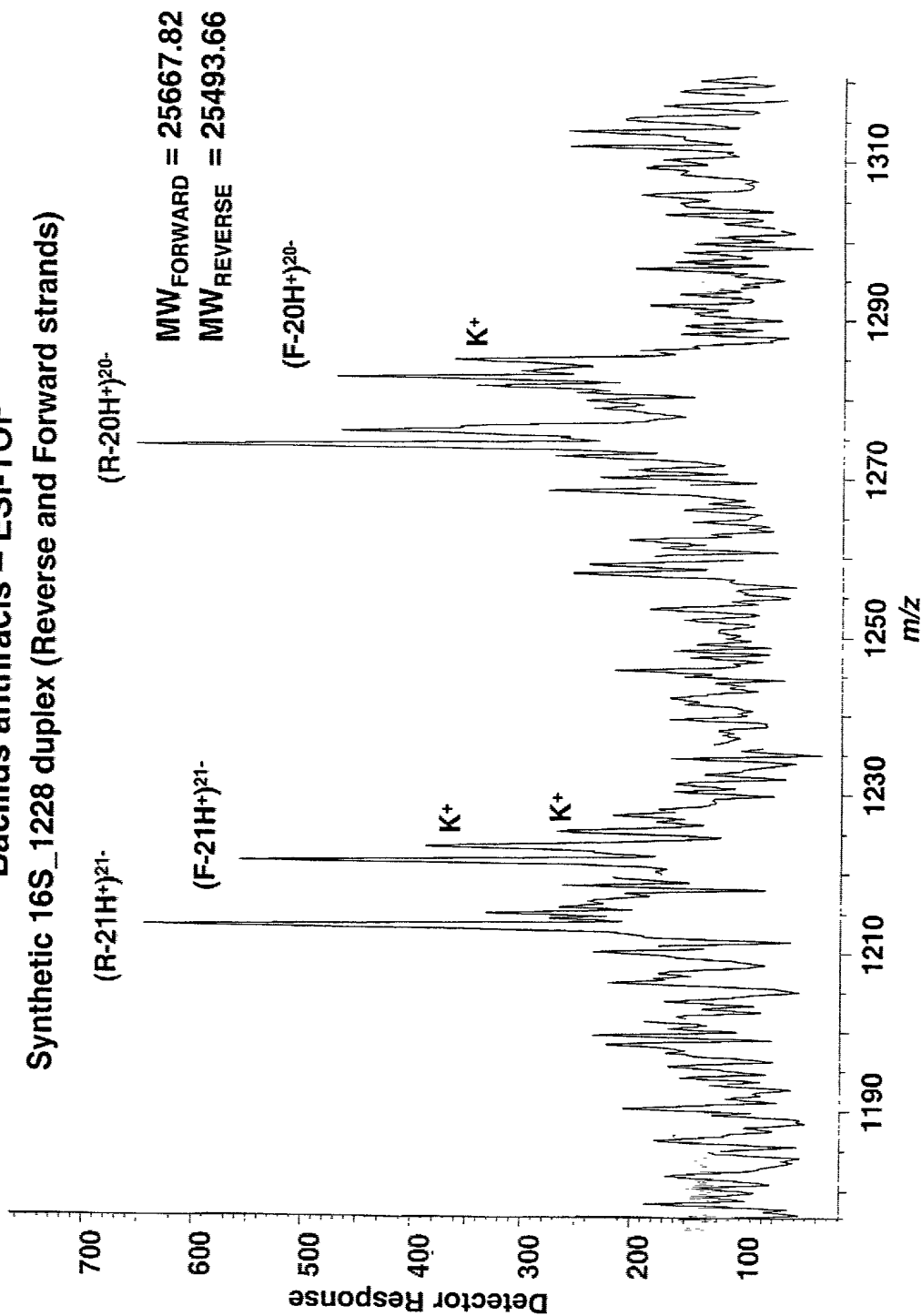


FIG. 9

ESI-FTICR-MS of Synthetic Bacillus anthracis 16S_1337 46 bp duplex

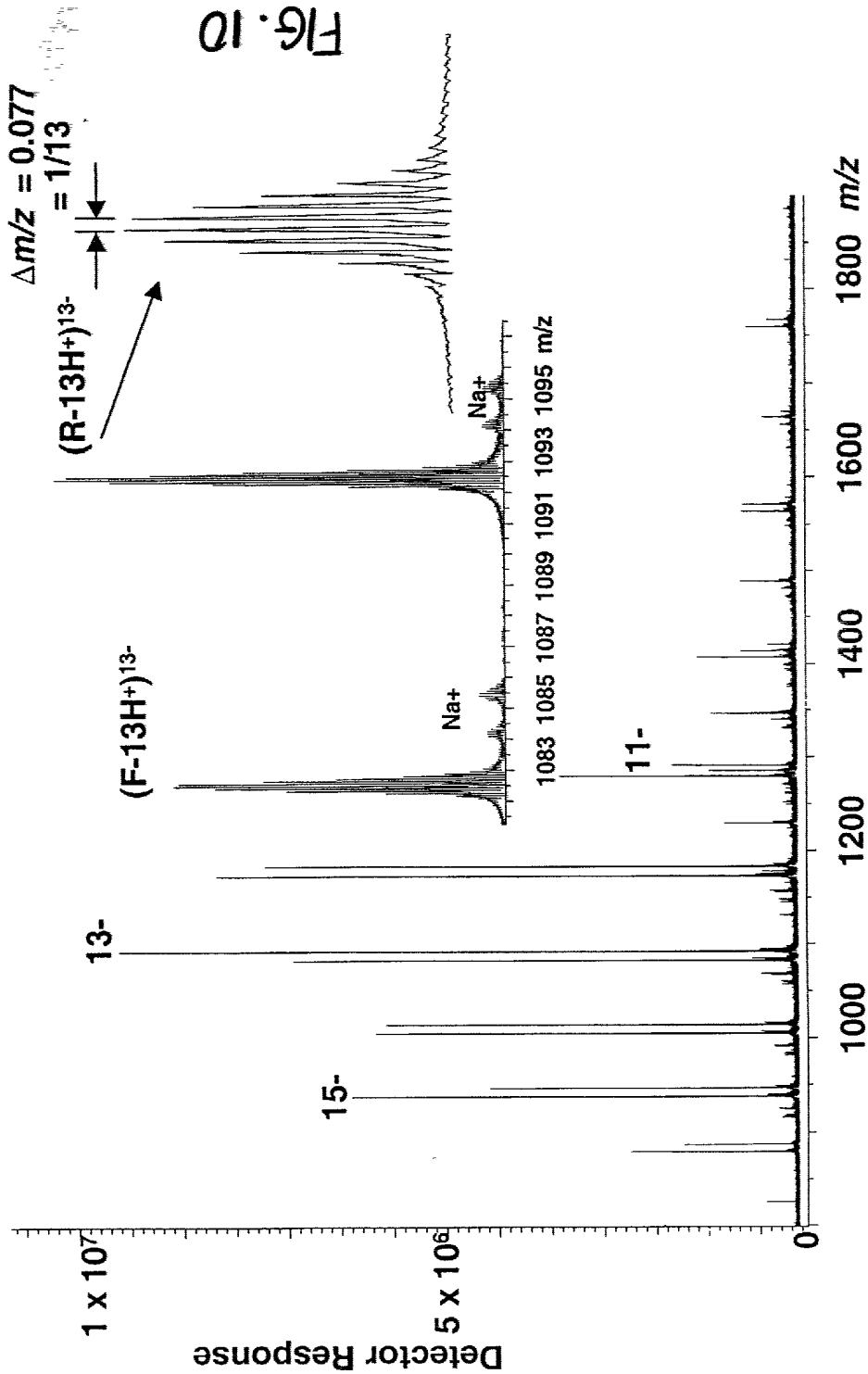


Fig. 10

ESI-TOF-MS of 56-mer BASb Oligonucleotide
With internal mass standard
ESI at 1.7 $\mu\text{L}/\text{min}$ 5 μM solution

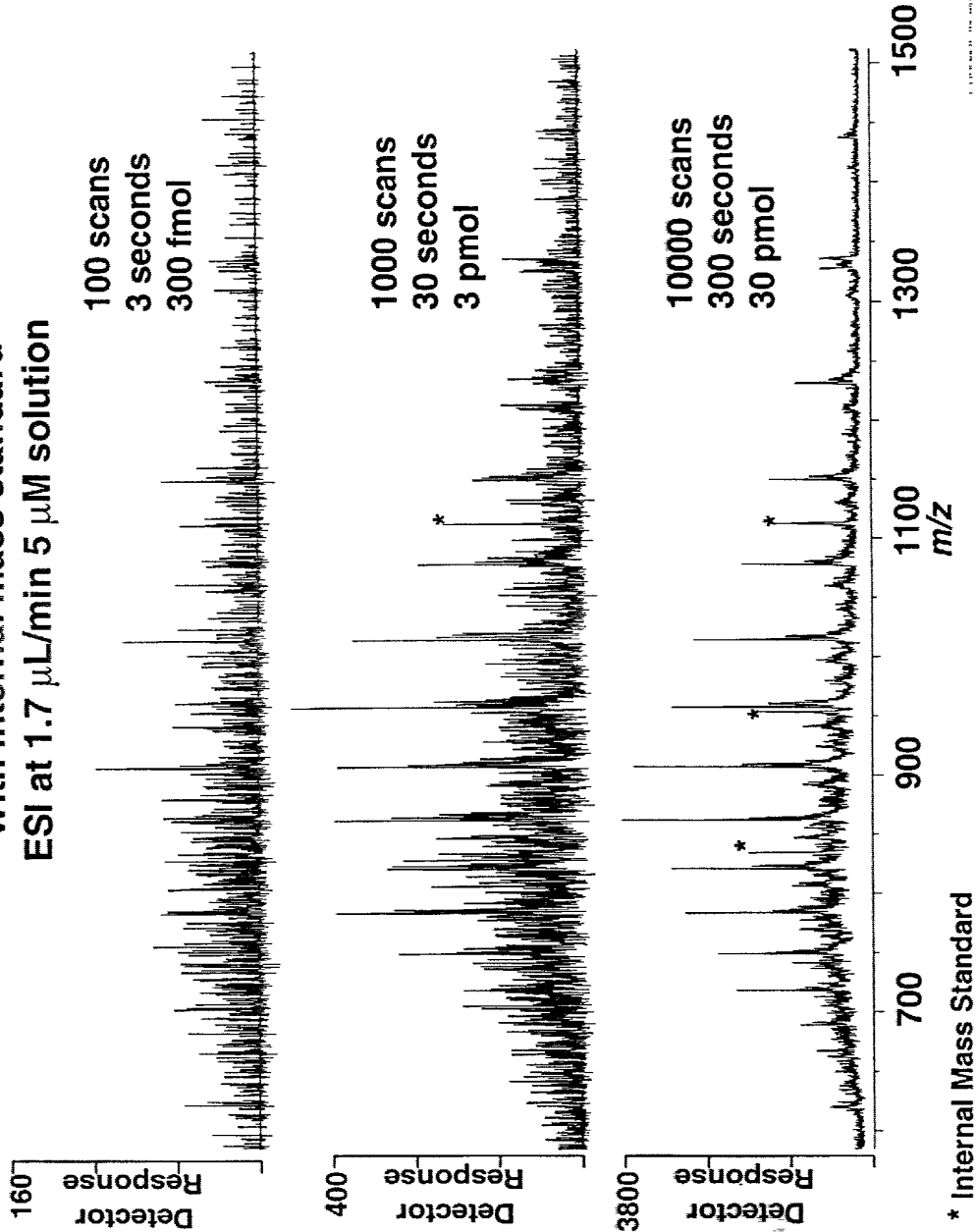


FIG. 11

ESI-TOF-MS of Internal Standard with 5 mM TBA-TFA buffer

Charge Stripping with Tributylammonium trifluoroacetate reduces most abundant charge state from $[M-8H+]^8-$ to $[M-3H+]^3-$

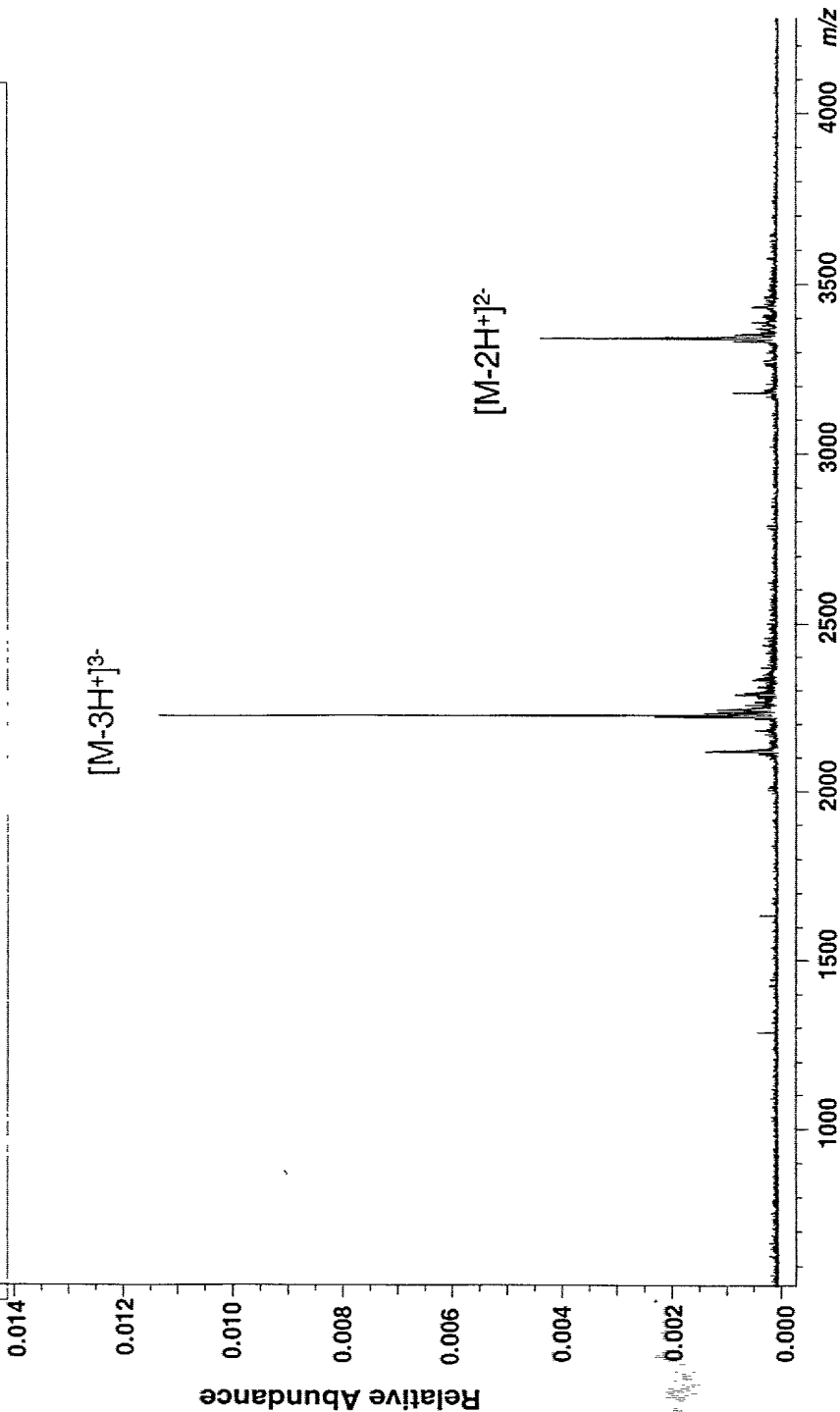


FIG. 1a

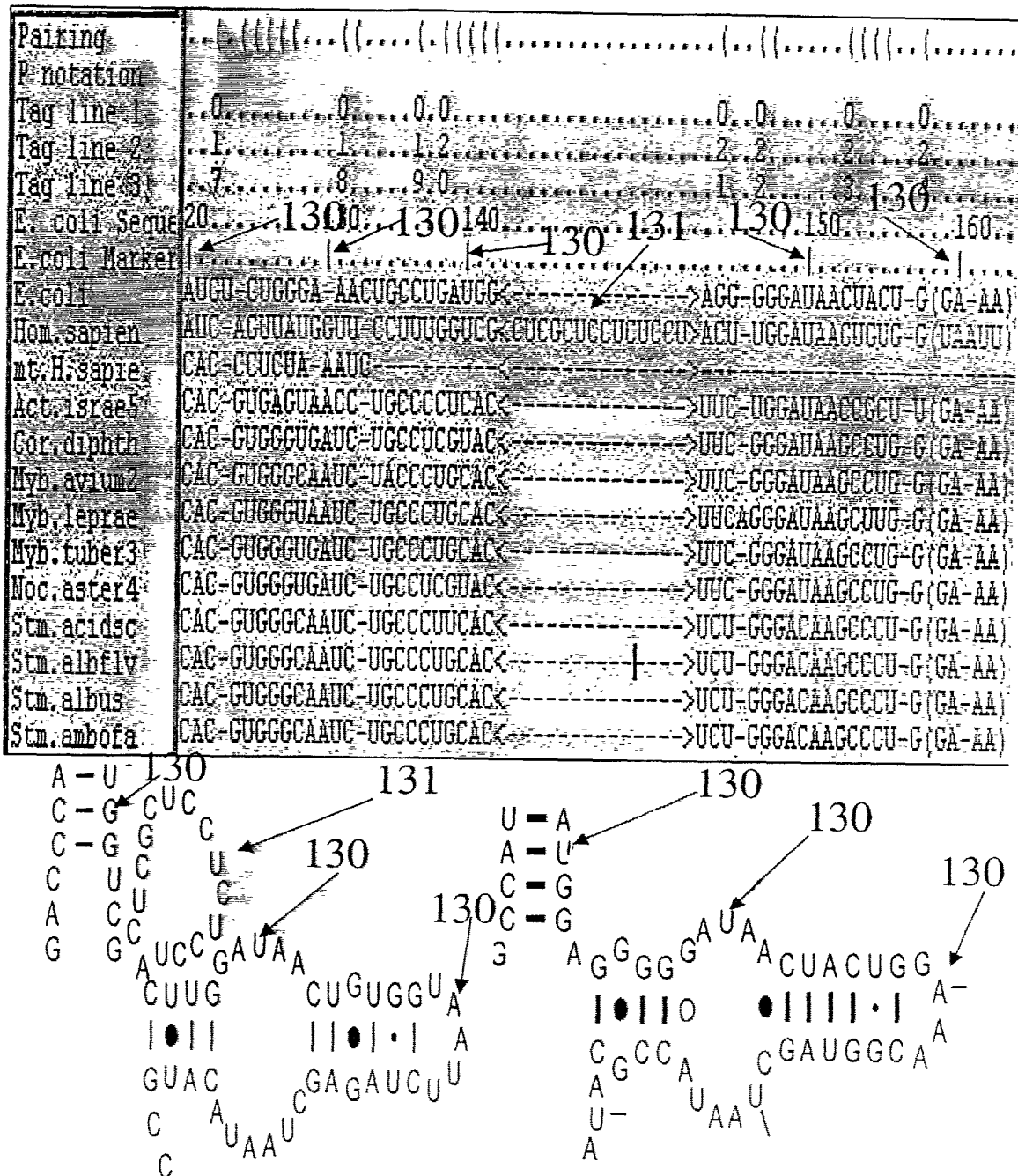
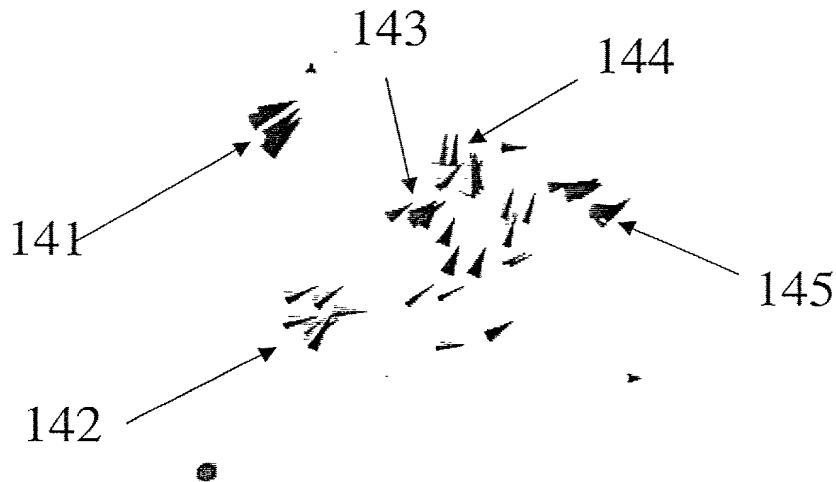
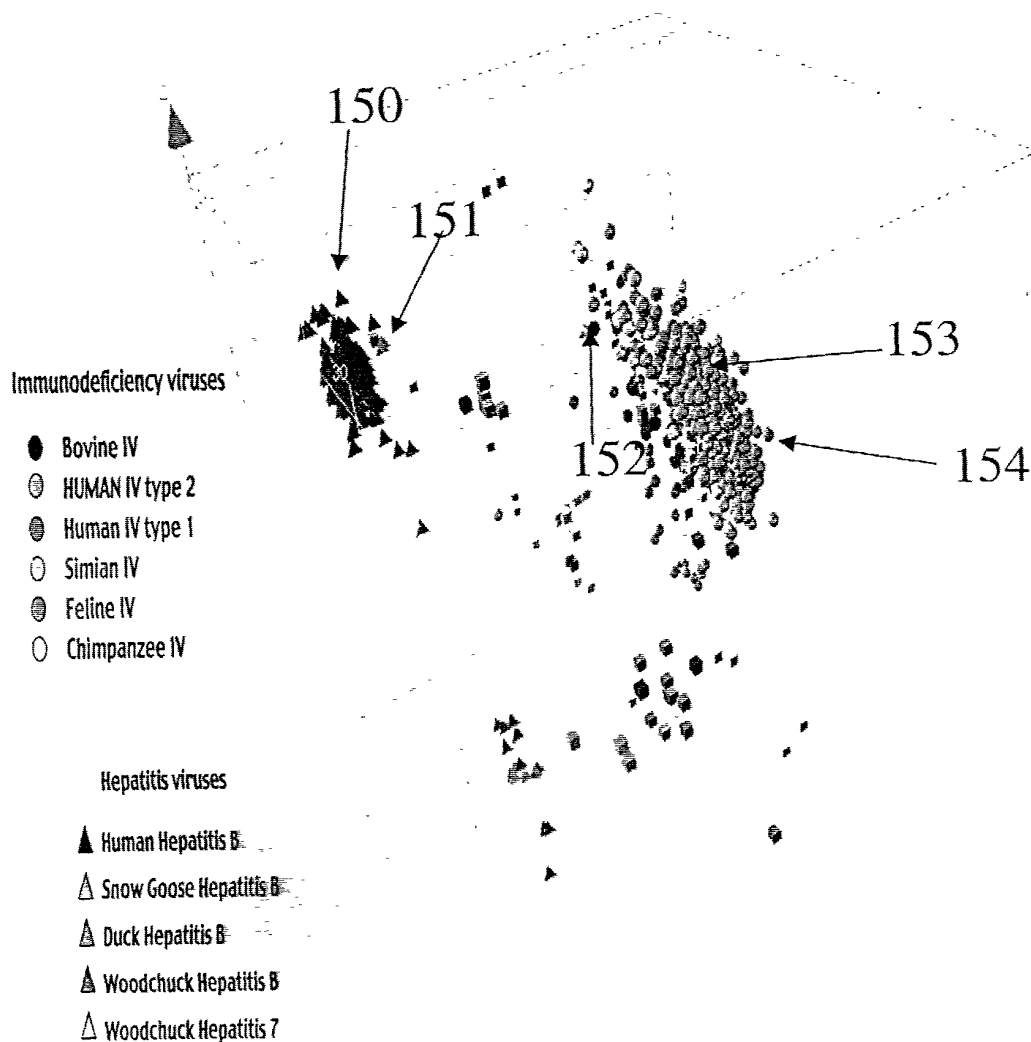
[illegible]

Figure 14



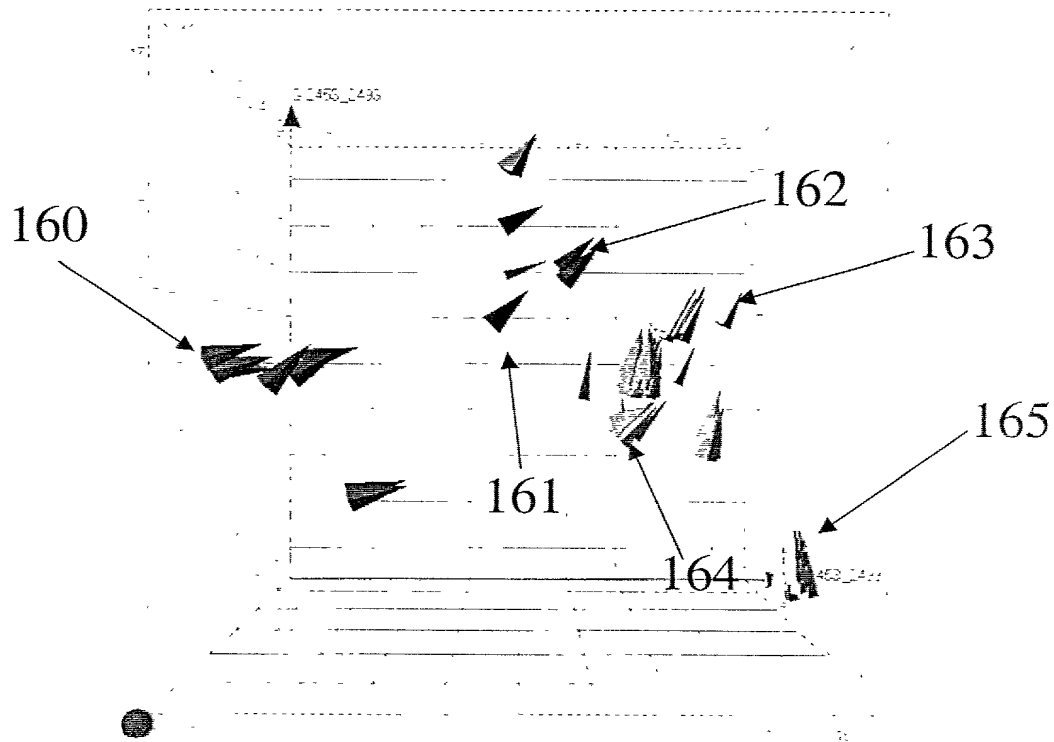
0991793.062601
T09290"E6216860

Figure 15



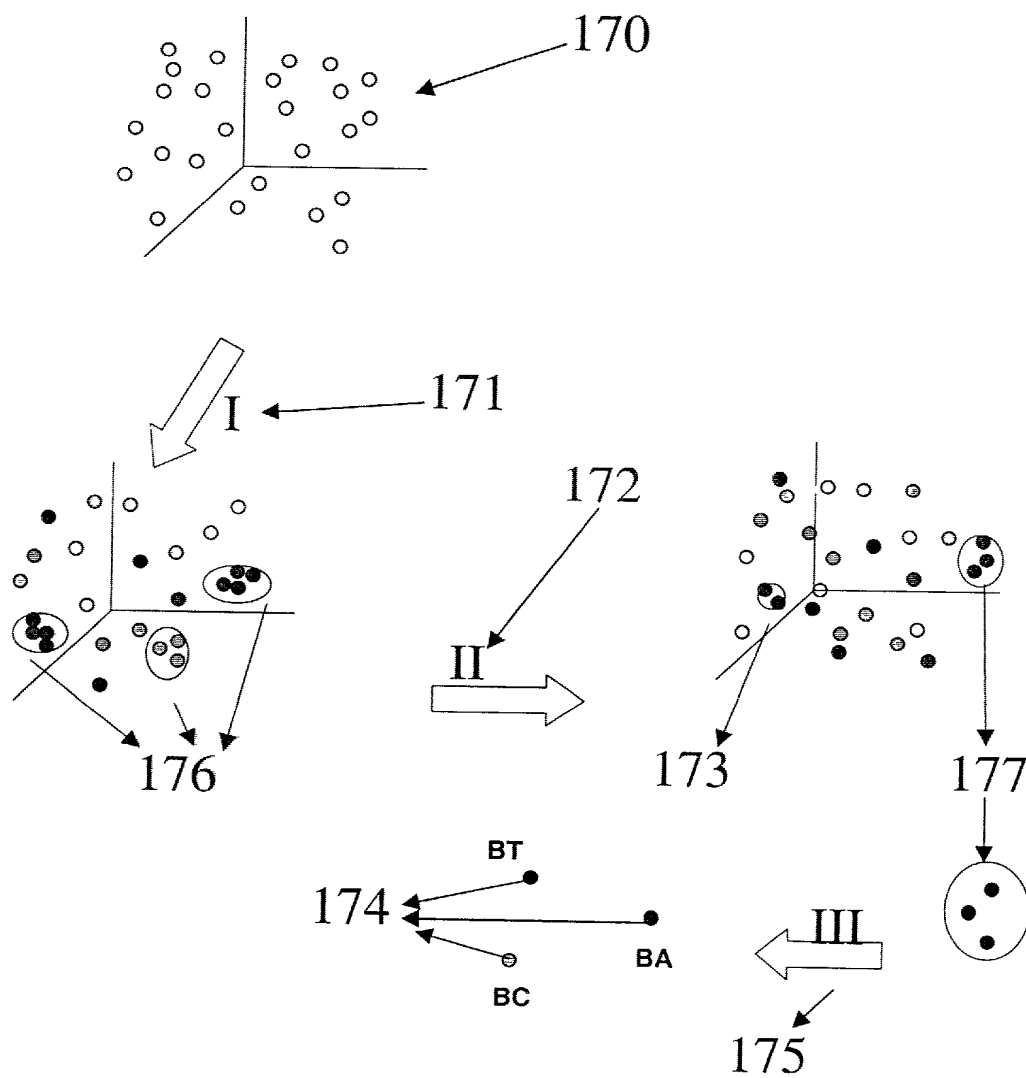
0994793.06601

Figure 16



- Flavi RdRp 2453-2493**
- | | | |
|---------------------|------------------------------------|---------------------------------|
| ■ Dengue virus type | ▨ Japanese encephalitis virus | ■ Tick-borne encephalitis virus |
| □ Dengue virus type | ■ Kunjin virus | ▨ West Nile virus |
| ■ Dengue virus type | □ Murray valley encephalitis virus | □ Yellow fever virus |

Figure 17



092290"E62T6860